

PTO/SB/97 (12-97)

Approved for use through 9/30/00, OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

In re: Russ Tuck et al.
 Case: P4508 Application No.: 09/854.234 Filing date: 05/10/2001
 Art Unit: 2665 Examiner: Phuongchau Ba Nguyen
 Subject: Apparatus and Methods for Efficient Multicasting of Data Packets

RECEIVED
CENTRAL FAX CENTER

NOV 14 2003

OFFICIAL

Certificate of Transmission under 37 CFR 1.8

Attention: Phuongchau Ba Nguyen, Examiner
 Fax No.: (703) 872-9314

I hereby certify that this correspondence is being facsimile transmitted to the
 Patent and Trademark Office

on 11/14/2003

Date



Signature

Lynda Schwalenberg

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify
 each submitted paper.

Total Sheets Transmitted - 23

1. Transmittal Form - 1 sheet
2. Response Transmittal Form - 1 sheet
3. Duplicate Response Transmittal Form - 1 sheet
4. Response C - 16 sheets
5. Fee Transmittal Form - 1 sheet
6. Petition for Extension of Time - 1 sheet
7. Duplicate Petition for Extension of Time - 1 sheet
8. Certificate of Transmission - 1 sheet

Please call me at (831) 726-1457 if you have any questions.

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(To be used for all correspondence after initial filing)

		Application Number	09/854,234
		Filing Date	05/10/2001
		First Named Inventor	Russ Tuck
		Art Unit	2665
		Examiner Name	Phuongchau Ba Nguyen
Total Number of Pages in This Submission	22	Attorney Docket Number	P4508

ENCLOSURES (Check all that apply)

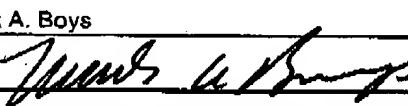
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response Transmittal Form Duplicate Response Transmittal Form Duplicate Fee Transmittal Form
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Donald R. Boys, Registered Agent 35,074		
Signature			
Date	11/14/2003		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Mark A. Boys		
Signature		Date	11/14/2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Method of Transmission: BY FACSIMILE

CASE DOCKET NO. P4508

In reference to application of Russ Tuck et al.

Serial No. 09/854,234

For Apparatus and Methods for Efficient Multicasting of Data Packets

Sir:

Transmitted herewith is and an amendment in the above-identified application, under 37 C.F.R. 1.312.

No additional fee is required.
 Applicant claims Small entity status under 37 CFR 1.27.
 The fee has been calculated as shown below.

***** CLAIMS AS AMENDED *****

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Claims Remaining After Amendment		Highest No. Paid For Previously	Present Extra	Rate Small Entity	Rate Large Entity	Additional Fee
Total Claims	28	Minus	** 32	0	\$ 9	\$ 18	\$ 0.00
Indep Claims	6	Minus	*** 7	0	\$ 42	\$ 84	\$ 0.00
<input type="checkbox"/> First presentation of a multiple dependent claim					\$ 0	\$ 0	\$ 0.00
<input type="checkbox"/> Terminal Disclaimer Fees							\$ 0.00
Extension Fee	<input checked="" type="checkbox"/> 1st Month		<input type="checkbox"/> 2nd Month		<input type="checkbox"/> 3rd Month		\$ 55.00
Total additional for claims, time extensions and disclaimer fees							\$ 55.00

** If the "highest Number Previously Paid For" in this space is less than 20, write "20" in this space.

*** If the "highest Number Previously Paid For" in this space is less than 3, write "3" in this space.

**** Multiple dependences, if any, included in the above calculation.

* If the entry in column 2 is less than the entry in column 4, write "0" in column 5.

 A check in the amount of 0.00 is attached. Charge \$ 55.00 to deposit account 50-0534. (A duplicate of this sheet is enclosed) Please charge any additional fees or credit overpayment to Deposit Account 50-0534. A duplicate of this sheet is enclosed.

Respectfully Submitted,


 Donald R. Boys
 Reg. No. 35074

 Donald R. Boys
 Central Coast Patent Agency, Inc.
 P.O. Box 187
 Aromas, CA 95004
 (831) 726-1457

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
55.00

Complete if Known

Application Number	09/854,234
Filing Date	05/10/2001
First Named Inventor	Russ Tuck
Examiner Name	Phuongchau Ba Nguyen
Art Unit	2665
Attorney Docket No.	P4508

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number	50-0534
Deposit Account Name	Mark A. Boys

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	55.00
1251 110	2251 55	2251 55	Extension for reply within first month	
1252 420	2252 210	2252 210	Extension for reply within second month	
1253 950	2253 475	2253 475	Extension for reply within third month	
1254 1,480	2254 740	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	2401 165	Notice of Appeal	
1402 330	2402 165	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	2502 240	Design issue fee	
1503 640	2503 320	2503 320	Plant issue fee	
1460 130	1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)				
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$) 55.00

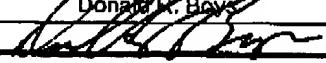
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	=
Claims	- 3** =	X	=
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Donald R. Boys	Registration No. (Attorney/Agent)	35,074	Telephone 831-726-1457
Signature		Date	11/14/2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.